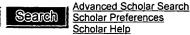


Finite element analysis wiring "Sumitomo Elec



#### Scholar All articles Recent articles Results 1 - 10 of about 58 for Finite element analysis wiring "Sumiton

#### **All Results**

R Kashyap

P Mckee

D Armes

N Banno

Y Miyamoto

## Measurement and FEM analysis of magnetization loss in HTS tapes - group of $3 \times$

K Miyamoto, N Amemiya, N Banno, M Torii, E Hatasa, ... - Applied Superconductivity, IEEE

Transactions on, 1999 - ieeexplore.ieee.org

... Mukai and Kazuya Ohmatsu Sumitomo Electric Industries, Ltd., 1-1 ... line element

along

the pick up coil wire. ... scalar potential by the finite element method Two 2D ...

Cited by 7 - Related Articles - Web Search - BL Direct

## UV written reflection grating structures in photosensitive opticalfibres using phase-shifted phase ... - group of 3 »

R Kashyap, PF Mckee, D Armes - Electronics Letters, 1994 - ieeexplore.ieee.org ... 84 4 ZIENKtEWtCZ, 0€.: 'The finite element method in engineering ... and WiLLIAMS, DL.:

'A novel method of writing ... entails com- plex metal wiring and causes ... Cited by 38 - Related Articles - Web Search - BL Direct

#### Penetration loss in BSCCO tape without transport current - group of 5 » N Banno, N Amemiya, A Mihoichi, M Ciszek, H Mukai, ... - Applied Superconductivity, IEEE

Transactions on, 1999 - ieeexplore.ieee.org

... Mukai and Kazuya Ohmatsu Sumitomo Electric Industries, Ltd., 1 ... was wound tightly, using the copper wire. ... a numerical program with finite element method (FEM) [9 ... Cited by 10 - Related Articles - Web Search - BL Direct

#### Recent developments in electric field calculation

T Takuma, T Kawamoto - Magnetics, IEEE Transactions on, 1997 - ieeexplore.ieee.org ... the reasons why the boundary-dividing methods are preferred to the region-dividing ones, such as FDM (Finite Difference Method) or FEM (Finite Element Method). ... Cited by 3 - Related Articles - Web Search - BL Direct

## Boundary element estimation of current density distribution and eddy current loss in bundled multi- ...

A Sakurai, KY TsuchiyaT - Int J Numerical Modelling: Electronic Networks, Devices and ..., 1993 - doi.wiley.com

... To provide efficient computation, a reduction method is utilized ... is essentially a boundary element version4 of ... approach used also with finite element methd . ... Cited by 2 - Related Articles - Web Search - BL Direct

## Electric field optimization of the power cable joint by using evolutionary calculation method

D Yonetsu, T Hara, S Shimada, M Kaji - Electrical Engineering in Japan, 2005 - doi.wiley.com

... 1 Kansai University, Japan 2 Sumitomo Electric Industries, Japan ... Japan Electric Cable

and Wire, EC-99 ... plasma using the finite element method; analysis of surge ... Related Articles - Web Search - BL Direct

#### **COMPONENTS &**

D Washington - ieeexplore.ieee.org

... TA Wassick "Repair of Thin Film Wiring with Laser ... Reliability Evaluation and Failure Analysis of Thin ... Stress Measurement and 3D Finite Element Simulations of ... Web Search

#### MAGN ETICS

J Tokyo, NN Takahashi, K Fujiwara, M Sakaguchi - IEEE TRANSACTIONS ON MAGNETICS, 1990 - ieeexplore.ieee.org

... element based on hybrid fmite element method — T. Nakata N ... K Fujiwara and M.

368 Finite element computation of 3 ... M.Aihara Showa Electric Wire & Cable ... Web Search

Design Methodology For Undersea Umbilical Cables - group of 2 »

RH Knapp, MJ Cruickehank - OCEANS'91.'Ocean Technologies and Opportunities in the ..., 1991 - ieeexplore.ieee.org

... of layers e = condensed ring element m = macro-element k = Fourier ... [4]. For an improved

analysis of bending ... Lanteigne[ 1 I] has proposed a wire slip criterion ... Web Search

## A new type of package incorporating a thin AIN heater for planarlightwave circuit devices

I Saito, M Nagai, Y Hirose, N Tatoh, M Seki, M ... - Electronic Components and Technology Conference, 2001. ..., 2001 - ieeexplore.ieee.org

... Yokohama Research Laboratories, Sumitomo Electric Industries, Ltd. ... used for the substrate wiring, as the ... was constructed using a finite element method (FEM) to ... Related Articles - Web Search - BL Direct

# Gooooogle ▶

Result Page:

1 2 3 4 5 6

Finite element analysis wiring "Sumi Search

Google Home - About Google - About Google Scholar

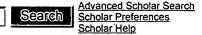
©2006 Google

	Туре	· L#	Hits	Search Text	DBs	Time Stamp
1	BRS	L1	146	(line adj streak)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	2006/10/23 17:16
2	BRS	L2	0	"6839642".pn. and elastic	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	2006/10/23 16:57
3	BRS	L3	6	(wire adj structure) and FEM	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	2006/10/23 17:03
4	BRS	L4	34	(wire adj structure) and (finite adj element)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	2006/10/23 17:04
5	BRS	L5	7	(wire adj structure) same (finite adj element)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	2006/10/23 17:04

	Type	L#	Hits	Search Text	DBs	Time Stamp
6	BRS	L6	0	(line adj streak) and (fininte adj element)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	2006/10/23 17:16



finite element analysis "wire harness"



#### Scholar All articles Recent articles Results 1 - 10 of about 58 for finite element analysis "wire harness".

#### **All Results**

A Molina A Al-Ashaab T Ellis R Young

R Bell

## Analytical Predictions and Correlation with Physical Tests for Potential Buzz, Squeak, and Rattle ... - group of 3 »

M El-Essawi, JZ Lin, G Sobek, BP Naganarayana, S ... - SAE Paper 04AC-102 - delphi.com ... Figure 2 shows the finite element model used in the BSR study ... in the physical cockpit module such as the wire harness and several ... Model Analysis FE Model ... Cited by 2 - Related Articles - View as HTML - Web Search - BL Direct

## ... characterization of a lightweight, highly maneuverable spacecraft using modal and finite element ... - group of 4 »

PA Manning, RB Burdick, TG Woehrle - ...: 11. international modal analysis conference, Kissimmee, FL ..., 1992 - osti.gov

... twice.) created using an internally-writtenfinite element analysis ... between the predictions of the finite ... The propulsionsystem, wire harness, static balances and ... Cited by 1 - Related Articles - View as HTML - Web Search - BL Direct

#### Fast Parameter Optimization of Large-Scale Electromagnetic Objects Using DIRECT with Kriging ... - group of 5 »

ES Siah, M Sasena, JL Volakis, PY Papalambros, RW ... - IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES, 2004 - ieeexplore ieee org ... chassis in the presence of a wire harness. ... electromagnetic interference (EMI), finite element boundary integral ... fast multipole moment method (MLFMM), superEGO. ... Cited by 1 - Related Articles - Web Search - BL Direct

## Fast frequency domain tools for system analysis of EMI/EMC topologies group of 2 »

ES Siah, K Sertel, RW Kindt, JL Volakis, VV Liepa - Electromagnetic Compatibility, 2003. EMC'03, 2003 IEEE ..., 2003 - ieeexplore.ieee.org

... sence of a wire harness and for different aperture sizes. ... FE-BI method focuses on the analysis of plane ... Keywords: Finite Element-Boundary Integral, Multilevel ... Related Articles - Web Search

#### Bus connector for Coordinated Interconnect: laboratory measurementand finite element simulation

A Kelley, M Harris, J Cavaroc, M Jones, R Linkous, ... - Applied Power Electronics Conference and Exposition, 1999. ..., 1999 - ieeexplore.ieee.org ... components to each other without an intervening wire harness or laminated ... prototype bus connector is evaluated using measure- ment and finite element analysis. ... Related Articles - Web Search

#### Capacitance Calculations for Cable Harnesses using the Method of Moments V CONCLUSION, I INTRODUCTION - ieeexplore.ieee.org

... the finite difference and finite element methods are well suited ... A. Uninsulated Wires This method assumes a ... conductors, A sample + 1 wire harness cross-section ... Related Articles - Web Search

#### Thermal Design Tool for Vehicle Electric Parts

K Mashimo, H Nagase, Y Saita, K Koizumi, S Jingama - furukawa.co.jp

... are, however, disadvantages with a finite element method using a ... Investigation and

Evaluation of the Wire Harness for the ... for 3-dimensional Flow Analysis in a ... Related Articles - Web Search

## Issues in low-cost manufacture of reliable optoelectronic systems - group of 3

SA Leclerc, G Subbarayan - ... Symposium, 1995. Manufacturing Technologies-Present and ..., 1995 - ieeexplore.ieee.org

... the reliability under environmental ef- fects, finite element models were ... The analysis re- quired both manual assembly, and wire harness routing and ... Related Articles - Web Search

#### TITLE INDEX

I Verification, L Strokes, C Circuits, CC ... - ieeexplore.ieee.org ... 939 3-D Surface Plots of Theoretical NSA Calculations by Spreadsheet Analysis ..... ... Analysis and Improvement for the Performance of 1 D Perfectly ... Web Search

### 43rd Structures, Structural Dynamics, and Materials Conference April 22-25, 2002/Denver, CO

SS Meteoroid, O Debris - pdf.aiaa.org

... of NASA's two main M/OD analysis codes ... to any structure that can be modeled with finite elements ... 1) consideration of impact shielding of one element by another ... Web Search

Gooooogle

1 2 3 4 5 6 Result Page:

Search finite element analysis "wire harness

Google Home - About Google - About Google Scholar

@2006 Google



☐ AbstractPlus

◆ View TOC

Access this document

Full Text: PDF (856 KB)

Download this citation

Choose Citation & Abstract

Download ASCII Text

» Learn More

Rights and Permissions

» Learn More

Home | Login | Logout | Access Information | Al

Welcome United States Patent and Trademark Office

**BROWSE** 

**SEARCH** 

**IEEE XPLORE GUIDE** 

 $\nabla$ 

#### Bus connector for Coordinated Interconnect: laboratory measurementand finite element simulation

Kelley, A. Harris, M. Cavaroc, J. Jones, M. Linkous, R. Hartzell, D. Darch, D. Dept. of Electr. & Comput. Eng., North Carolina State Univ., Raleigh, NC;

This paper appears in: Applied Power Electronics Conference and Exposition, 1999

Fourteenth Annual

Y

Publication Date: 14-18 Mar 1999 Volume: 1, On page(s): 325-331 vol.1 Meeting Date: 03/14/1999 - 03/18/1999

Location: Dallas, TX, USA ISBN: 0-7803-5160-6 References Cited: 4

**INSPEC Accession Number: 6245541** 

Digital Object Identifier: 10.1109/APEC.1999.749669

Posted online: 2002-08-06 22:25:30.0

#### Abstract

Components in power electronic converters have been typically connected using a wirin laminated bus. Many design and manufacturing problems originate in the interconnect. the concept of Coordinated Interconnect has been introduced. Coordinated Interconnec to make the link between adjacent components. With a bus connector, the traditional sc replaced with tabs fastened by a spring steel clip. This paper describes a prototype bus electromagnetic performance as found from both measurement and finite element analy

Index Terms -

Inspec

Controlled Indexing

electric connectors finite element analysis power convertors

Non-controlled Indexing

Coordinated Interconnect bus connector custom laminated bus finite elemen impedance measurement laboratory measurement power electronic converte

**Author Keywords** Not Available

References

No references available on IEEE Xplore.

**Citing Documents** 

No citing documents available on IEEExplore.

◆ View TOC | Back to Top ▲

Indexed by ធ្វី Inspec

Contact Us Priva © Copyright 2006 If



Finite element analysis "Sumitomo Wiring Sys

Search:

Advanced Scholar Search Scholar Preferences Schólar Help

#### Scholar

Results 1 - 2 of 2 for Finite element analysis "Sumitomo Wiring Systems". (0.13 seconds)

#### **All Results**

Tip: Try removing quotes from your search to get more results.

Y Kitamura

M Kashiwase

M Fuse

R Mizoguchi

Numerical model of crimping by finite element method

T Morita, K Ohnuchi, M Kaji, Y Saitoh, J Shioya, K ... - Electrical Contacts, 1996.,

Proceedings of the Forty-Second ..., 1996 - ieeexplore.ieee.org

... Makoto Takahashi, Takahiro Kato, Kazuhito Murakami Sumitomo Wiring Systems, Ltd.

Abstract - Numerical model of crimping by finite element method is proposed ...

Cited by 1 - Related Articles - Web Search

Deployment of an ontological framework of functional design knowledge group of 5 »

Y Kitamura, M Kashiwase, M Fuse, R Mizoguchi - Advanced Engineering Informatics, 2004 -

... 1 Present address: Sumitomo Wiring Systems, Ltd ... device can be a mechanical

element.

a mechanical ... Sumitomo Osaka-university Function Analysis and Systematization ...

Cited by 6 - Related Articles - Web Search

Finite element analysis "Sumitomo V

Google Home - About Google - About Google Scholar

@2006 Google